

AMENDED CLAIMS

[received by the International Bureau on 24 June 2003 (24.06.03);
Original claims 1-4 replaced by amended claims; remaining claims unchanged (6 pages)]

1. (amended) A medical terminal in a portable medical system that communicates medical information between a wireless terminal and said medical terminal by wireless, said medical terminal comprising:

5 a condition examining part for examining a condition of user's health;

 a medical information converting part for converting condition information produced by said condition examining part into medical information that can be perceived by the outside world;

 a local wireless interface for medical terminal for transmitting medical
10 information to the local wireless interface of the wireless terminal, such that the medical information is transmitted to a medical institution and a medical result information is transmitted from the medical institution; and

 a controlling part for controlling operations of said condition examining part, said medical information converting part, and said local wireless interface for medical
15 terminal.

2. The medical terminal as stated in claim 1, wherein said local wireless interfaces with the wireless terminal, and said medical terminal is one selected from a group consisting of Bluetooth, IEEE 802.11, IrDA, and Home RF.

3. The medical terminal as stated in claim 1, wherein said condition examining part is one selected from a group consisting of a blood pressure monitor, a thermometer, a heart rate monitor, a diabetes monitor, a blood flow monitor, a blood glucose monitor, and an atmosphere monitor.

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4. (amended) A wireless terminal for remote access examination in a portable medical system that communicates medical information between said wireless terminal and a medical terminal by wireless, said wireless terminal comprising:

an input part for receiving information from a user;

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an output part for displaying selected information to be perceived by the user;

a local wireless interface for wireless terminal to receive medical information via a local wireless interface for the portable medical system;

an RF converting part for converting medical information into an RF signal for wireless communication;

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an RF transducer for transmitting the RF signal to a predetermined medical institution and for receiving medical result information from the medical institution;

a memory for storing selected information; and

a controlling part for controlling operations of said input part, said output part, said local wireless interface for wireless terminal, and said RF transducer.

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5. A remote medical system comprising:

a medical terminal for examining a condition of user's health to produce medical information; and

a wireless terminal for transmitting medical information received from said
5 medical terminal to a predetermined medical institution and for receiving medical result information from the medical institution,

wherein said medical terminal comprises:

a condition examining part for examining the condition of user's health;

a medical information converting part for converting condition information
10 produced by said condition examining part into medical information that can be perceived by the outside world;

a local wireless interface for medical terminal for transmitting medical information to the local wireless interface of the wireless terminal, such that medical information is transmitted to a medical institution and medical result information is
15 transmitted from the medical institution; and

a controlling part for controlling operations of said condition examining part, said medical information converting part, and said local wireless interface for medical terminal,

wherein said wireless terminal comprises:

20 an input part for receiving information from the user;

an output part for displaying selected information to be perceived by the user;

a local wireless interface for wireless terminal to receive medical information
via a local wireless interface for the portable medical system;

an RF converting part for converting medical information into an RF signal for
5 wireless communication;

an RF transducer for transmitting the RF signal to the medical institution and
for receiving medical result information from the medical institution;

a memory for storing selected information; and

a controlling part for controlling operations of said input part, said output part,
10 said local wireless interface for wireless terminal, and said RF transducer.

6. A method for processing medical information by using a wireless terminal and a
medical terminal both having local wireless interfaces, said method comprising the
steps of:

15 examining a condition of user's health;

converting condition information related to the condition of user's health into
medical information that can be perceived by the outside world; and

transmitting the medical information to the local wireless interface for wireless
terminal through the local wireless interface for medical terminal for the purpose of
20 transmitting the medical information from the wireless terminal to a predetermined

medical institution and receiving medical result information from the medical institution.

7. A method for processing medical information by using a wireless terminal and a medical terminal both having local wireless interfaces, said method comprising the
5 steps of:

receiving medical information provided through a local wireless interface for medical terminal;

converting medical information into an RF signal for wireless communication;

transmitting the RF signal to a predetermined medical institution through a
10 wireless network; and

displaying medical result information received from the medical institution for a user to perceive.

8. A method for processing medical information in a remote access medical system
15 provided with a wireless terminal and a medical terminal both having local wireless interfaces, said method comprising the steps of:

examining a condition of user's health;

converting condition information related to the condition of user's health into medical information that can be perceived by the outside world;

20 transmitting medical information to the local wireless interface for wireless

terminal through the local wireless interface for medical terminal for the purpose of transmitting medical information from the wireless terminal to a predetermined medical institution and receiving medical result information from the medical institution;

receiving medical information provided through a local wireless interface for
5 medical terminal;

converting medical information into an RF signal for wireless communication;

transmitting the RF signal to a predetermined medical institution through a
wireless network; and

displaying the medical result information received from the medical institution
10 for a user to perceive.